

IN THE CLAIMS

The following is a clean version of the entire set of pending claims. In accordance with 37 CFR § 1.121(c)(1)(ii), Attachment A provides marked up versions of the claims containing the newly introduced changes.

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1. (Amended) A light-emitting device comprising:
a chip ⁽²¹⁾ capable of emitting light of a first wavelength,
a light-emitting surface ⁽²²⁾, and
a phosphor layer ^(21R, 21G) provided on a first portion of the light-emitting surface, wherein the phosphor layer is capable of converting light of the first wavelength to visible light of a second wavelength,
(Between 21R and 21G)
wherein a second portion of the light-emitting surface is without the phosphor layer, and wherein the second portion is substantially surrounded by the first portion.

2. (Amended) A device as claimed in claim 1, wherein the sizes of the first portion and the second portion are such that mixing the emitted light of the first and the second wavelength results in substantially white light (three color lights, etc.).

3. (Amended) A device as claimed in claim 1, wherein the thickness of the phosphor layer is such that all the light of the first wavelength incident on the phosphor layer is converted to light of the second wavelength.

4. (Amended) A device as claimed in claim 1, wherein the second portion without the phosphor layer is distributed over a plurality of regions on the light emitting surface.

5. (Amended) A device as claimed in claim 4, wherein the plurality of regions form a pattern.

6. (Amended) A device as claimed in claim 1, wherein the second portion ⁽¹³⁾ without the phosphor layer is at least partly covered with a light-transmitting layer which is capable of spreading light incident on said second portion.

~~7.~~ (Amended) A lighting device comprising at least one light-emitting diode including:

a chip which is capable of emitting light of a first wavelength,
a light-emitting surface, and
a phosphor layer which is provided on a first portion of the light-emitting surface and which is capable of converting light of the first wavelength to visible light of a second wavelength, wherein said light-emitting surface has a second portion without the phosphor layer, and wherein the second portion is substantially surrounded by the first portion.

~~8.~~ (Amended) A lighting device as claimed in claim 7, wherein the lighting device further comprises optical elements for mixing the emitted light of the first and the second wavelength.

9. (Amended) A method of manufacturing a light-emitting diode, the method comprising:

at least partly surrounding a chip capable of emitting light of a first wavelength with a light-emitting surface, and

providing a phosphor layer on the light-emitting surface, which phosphor layer is capable of converting light of the first wavelength to visible light of a second wavelength,

wherein the phosphor layer is removed from, or not provided on, a portion of the light-emitting surface substantially surrounded by the phosphor layer.

10. (Amended) A method as claimed in claim 9, wherein the phosphor layer is provided on the light-emitting surface by means of screen printing.

Please add the following new claims:

11. (New) A device as claimed in claim 1, wherein the second portion is completely surrounded by the first portion.

12. (New) A device as claimed in claim 1, wherein the second portion is disposed in a path of light emitted by the chip.

13. (New) A device as claimed in claim 1, wherein the light-emitting surface is disposed in a path of light emitted by the chip.

14. (New) A light-emitting device comprising;
a chip capable of emitting light of a first wavelength,
a light-emitting surface, and
a plurality of regions of phosphor provided on the light-emitting surface, wherein the plurality of regions of phosphor are capable of converting light of the first wavelength to visible light of a second wavelength.

15. (New) A device as claimed in claim 14, wherein the plurality of regions of phosphor are separated by regions of the light-emitting surface without phosphor.

16. (New) A device as claimed in claim 15, wherein the regions of the light-emitting surface without phosphor are at least partly covered with a light-transmitting layer.

17. (New) A device as claimed in claim 16, wherein a thickness of the light-transmitting layer is substantially the same as a thickness of phosphor in the regions of phosphor.

18. (New) A device as claimed in claim 14, wherein the plurality of regions of phosphor form a pattern.

19. (New) A device as claimed in claim 18, wherein the pattern is a chessboard pattern.